

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-50 (Cancelled).

51. (New) A method for computerized indicating individuals with hidden intent, the method comprising:

- (a) exposing an individual to one or more stimuli within at least one exposure timeframe while said timeframe is contemporaneous with individual's fulfillment of at least one stated assignment and said stimulus does not require an active direct reaction from the individual and is intended to cause a psycho-physiological reaction;
- (b) registration of individual's psycho-physiological characteristics giving rise to registered parameters;

- (c) comparing the registered parameters or derivatives thereof with a test criterion;
- (d) providing indication of hidden intent in case of predefined discrepancy.

52. (New) The method of Claim 51 wherein said hidden intent is malicious.

53. (New) The method of Claim 51 wherein at least one of said stimuli does not form a part of said assignment.

54. (New) The method of Claim 51 wherein said psycho-physiological characteristics include a behavioral reaction.

55. (New) The method of Claim 51 wherein at least one of said stimuli is a member of a group comprising stimuli of the types as open stimuli, concealed stimuli, stressing stimuli, relaxing stimuli, stimuli creating conscious reaction, stimuli creating sub-conscious reaction, targeted stimuli, general stimuli.

56. (New) The method of Claim 51 wherein the provision of at least one of said stimuli is fully automated.

57. (New) The method of Claim 51 wherein at least one of said stimuli is a member of a group comprising stimuli provided via physical and virtual media.

58. (New) The method of Claim 51 wherein at least part of said stimuli are grouped within the exposure timeframe in at least one dedicated set.

59. (New) The method of Claim 58 wherein at least one set of stimuli is dedicated to individual's authentication.

60. (New) The method according to Claim 58 wherein at least one set of stimuli is dedicated to indication of countermeasures by the individual.

61. (New) The method of Claim 51 comprising random or pseudo-random selection of at least one type of said stimuli.

62. (New) The method of Claim 51 comprising random or pseudo-random exposure of at least one of said stimuli within the exposure timeframe.

63. (New) The method of Claim 51 comprising scheduled exposure of at least one of said stimuli within the exposure timeframe.

64. (New) The method of Claim 51 wherein said test criterion includes a test pattern; the method further comprising adapting said test pattern to the individual according to registered parameters.

65. (New) The method of Claim 64 comprising adapting said test pattern to parameters registered before the first exposure time frame.

66. (New) The method of Claim 64 comprising adapting said test pattern to parameters registered between exposure time frames.

67. (New) The method of Claim 64 comprising adapting said test pattern to parameters registered during exposure of a dedicated set of stimuli.

68. (New) The method of Claim 51 wherein appearance and continuity of at least one exposure timeframe is random or pseudo-random.

69. (New) The method of Claim 51 wherein appearance and continuity of at least one exposure timeframe is scheduled.

70. (New) The method of Claim 51 wherein said assignments include answering questions and at least one stimulus comprising flashing at least one picture not related to the content of the questions.

71. (New) A method for computerized indicating individuals with hidden intent, the method comprising:

- (a) exposing an individual to at least two sets of stimuli within one or more exposure timeframe, while first set of stimuli is dedicated to cause a known in advance individual's response and the second set is dedicated to indicate a hidden intent;

- (b) registration of psycho-physiological characteristics giving rise to registered parameters;
- (c) comparing the parameters or derivatives thereof registered during the exposure of the first set with the known in advance individual's response;
- (d) comparing the parameters or derivatives thereof registered during the exposure of the second set with a test criterion;
- (e) providing an indication of hidden intent in case of predefined discrepancy.

72. (New) The method of Claim 71 wherein said comparison with the known in advance individual's response is provided for the purpose of an individual's authentication.

73. (New) The method of Claim 71 wherein said comparison with the known in advance individual's response is provided for the purpose of indicating countermeasures by the individual.

74. (New) The method of Claim 71 wherein each of said exposure timeframes is contemporary with individual's fulfillment of at least one stated assignment.

75. (New) The method of Claim 71 wherein said first and second sets of stimuli are exposed in different exposure timeframes.

76. (New) The method of Claim 71 wherein said first and second sets of stimuli are exposed within the same exposure timeframes.

77. (New) The method of Claim 71 wherein said hidden intent is malicious.

78. (New) The method of Claim 71 wherein said psycho-physiological characteristics include a behavioral reaction.

79. (New) The method of Claim 71 wherein at least one of said stimulus is a member of a group comprising stimuli of the types as open stimuli, concealed stimuli, stressing stimuli, relaxing stimuli, stimuli creating conscious

reaction, stimuli creating sub-conscious reaction, targeted stimuli, general stimuli.

80. (New) The method of Claim 71 wherein provision of at least one of said stimuli is fully automated.

81. (New) The method of Claim 71 wherein at least one of said stimulus is a member of a group comprising stimuli provided via physical and virtual media.

82. (New) The method of Claim 71 comprising random or pseudo-random selection of a type of at least one of said stimuli.

83. (New) The method of Claim 71 comprising random or pseudo-random exposure of at least one said set of stimuli within the exposure timeframe.

84. (New) The method of Claim 71 comprising scheduled exposure of at least one said set of stimuli within the exposure timeframe.

85. (New) The method of Claim 71 wherein said test criterion includes a test pattern; the method further comprising adapting said test pattern to the individual according to registered parameters.

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86. (New) The method of Claim 71 wherein said known in advance individual's response includes a test pattern; the method further comprising adapting said test pattern to the individual according to parameters registered in advance.

87. (New) The method of Claim 71 wherein appearance and continuity of at least one exposure timeframe is random or pseudo-random.

88. (New) The method of Claim 71 wherein appearance and continuity of at least one exposure timeframe is scheduled.

89. (New) A system for computerized indicating individuals with hidden intent, the system comprising:

- (a) a working place for fulfillment of at least one stated assignment;
- (b) a stimuli exposure block configured to exposure at least one stimuli to said working place within at least one exposure timeframe while said timeframe is contemporary with individual's fulfillment of at least one stated assignment and said stimulus does not require an active direct reaction from the individual and is intended to cause a psycho-physiological reaction;

- (c) sensors and measuring tools block configured to register individual's psycho-physiological characteristics giving rise to registered parameters;
- (d) a processor configured to compare the registered parameters or derivatives thereof with a test criterion and to facilitate indicating a hidden intent in case of predefined discrepancy.

90. (New) A computer program product comprising a computer useable medium having computer readable program code embodied therein for indicating individuals with hidden intent, the computer program product comprising:

- (a) computer readable program code for causing the computer to expose an individual to at least one stimulus within at least one exposure timeframe while said timeframe is contemporary with individual's fulfillment of at least one stated assignment and said stimulus does not require an active direct reaction of the individual and is intended to cause a psycho-physiological reaction;
- (b) computer readable program code for causing the computer to register individual's psycho-

physiological characteristics giving rise to  
registered parameters;

(c) computer readable program code for causing the  
computer to compare the registered parameters or  
derivatives thereof with a test criterion;

(d) computer readable program code for causing the  
computer to provide indication of hidden intent in case of  
predefined discrepancy.

91. (New) A computer program product comprising a  
computer useable medium having computer readable program code  
embodied therein for indicating individuals with hidden intent  
the computer program product comprising:

(a) computer readable program code for causing the  
computer to expose an individual to at least two  
sets of stimuli within one or more exposure  
timeframe, while first set of stimuli is dedicated  
to cause a known in advance individual's response  
and the second set is dedicated to indicate a hidden  
intent;

(b) computer readable program code for causing the  
computer to register psycho-physiological

characteristics giving rise to registered parameters;

- (c) computer readable program code for causing the computer to compare the parameters or derivatives thereof registered during the exposure of the first set with the known in advance individual's response;
- (d) computer readable program code for causing the computer to compare the parameters or derivatives thereof registered during the exposure of the second set with a test criterion;
- (e) computer readable program code for causing the computer to provide an indication of hidden intent in case of predefined discrepancy.